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Approved For Release 2003/12/04 : CIA-RDP78B05171A000100010113-3

NPIC/TSG/RED/SDB-032-70
25 August 1970

MEMORANDUM FOR: HPSC Coordinating Group

SUBJECT : Progress Report on HPSC Program

25X1 1. Messrs. [] visited NPIC on 19 and
20 August 1970. They report that the HPSC is essentially on the schedule
distributed to the Coordinating Group on 19 June 1970. The optics have
been installed and checked out. They report that the systems resolves
1,000 line pairs/mm with white light. The correlation system has been
checked out in a test fixture and is performing to specifications. The
new 16K computer core has been received and installed in the computer.
25X1 The [] computer program work on the HPSC system was scheduled
to start on 7 August and actually got underway on 14 August. Now that
the optics have been installed, the computer program becomes the new
critical path item with a scheduled completion date of 16 October.

25X1 2. Some concern has been expressed with NPIC for the five week pre-
acceptance tests scheduled at [] Three weeks of this is [] running
tests and debugging the HPSC system. Following this, NPIC personnel
will run preacceptance tests for about two weeks during the first part
of November (probably 6-20 November).

25X1 3. [] met with the [] people
to resolve differences on the acceptance test plan and procedures. The
acceptance test plan dated 15 June, summary checkout dated 3 August,
and specifications for acceptance testing were reviewed in a four hour
session. The meeting appears to have resolved most of the major diffi-
culties. [] will now prepare the test procedures and submit
them to NPIC for approval prior to 14 September 1970.

25X1 4. [] was provided some unclassified frame and pan photography
25X1 for [] to use in checking out the computer program.

25X1 5. PHD will send [] copies of operational imagery early in
September. Two copies will be sent, one for [] to use in checking
out the various systems and the second copy to be used by NPIC in the
preacceptance tests.

25X1 6. The PHD operator training will take place at [] for a week
during mid-September. A firm date will be established at a later date
depending on the progress of the computer programming presently underway.
The PHD operator will return to [] in November to take part in the pre-
acceptance tests.

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Declass Review by
NIMA/DOD

SUBJECT: Progress Report on HPSC Program

7. The programmer training will take place at [] starting the end of September. The date will have to be firmed up a little later because it also depends on the present work being done in computer programming.

25X1

8. Maintenance training for one week at [] will also be worked into the schedule.

25X1

9. In the absence of [] of APSD, [] of APSD and [] of RED met with [] to provide certain math model information.

25X1

10. [] met with ESD/EPB to discuss the type of instruments and equipment NPIC should purchase to do routine maintenance and trouble shooting on the HPSC.

11. [] (building consultant) met with [] to establish the small changes required in the clean room to accommodate the recently approved 16K computer memory storage for the [] 516. Indications are that this can be easily accomplished. A tour of the clean room brought to light that a slight change in a cable tray will be required to accommodate the left illumination system of the HPSC. [] seemed favorably impressed with the clean room.

12. ESD will attempt to provide replacement test targets for those routinely damaged by [] during the optical tests at []

13. The scheduled percentage of completion for the HPSC program is 97% and actual completion is 91%.

[]
Project Monitor

Distribution:

Original - Route & File (Proj. 11038)

2 - IEG/PHD []

2 - TSG/ESD []

2 - PSG/ATD []

1 - PPBS []

1 - TSG/APSD []

1 - SS/LB []

2 - TSG/RE []

1 - SDB Chrono